



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
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RBE117-12010W61
Job Sheet 185426



Part No: RBE117-12010W61

Job Qty: 1 pcs

Part Name: Wrench Set, Torque Multiplier



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/26/18

Job Tracking No:

Due Date: 12/21/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBE117-12010W61 Rev.1 IPP Rev. A 18.10.19 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Small Fab - 1	1 pcs	12/21/18		0.00	1.00	Small Fab - 1		MLL
							Small Fab - 2		
							Small Fab - 3		
							Small Fab - 4		
							Small Fab - 5		
							Small Fab - 6		
							Small Fab - 7		
120	QC 5	1 pcs	12/21/18		0.00	0.00	QC 5 - 10		DAS 40 9-89
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 38		
							QC 5 - 42		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
130	Packaging 3-1 - Stock - B4B	1 pcs	12/21/18		0.00	0.00	Packaging 3 - 1 - B4B		D' 9-89
							Packaging 3 - 2 - B4B		
							Packaging 3 - 3 - B4B		
							Packaging 3 - 4 - B4B		
							Packaging 3 - 5 - B4B		
							Packaging 3 - 6 - B4B		



Container No: S158733



Part: RBE117 - 12010W61

Job No: 185426

Serial No/Batch: S158733

Revision: 1

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 03/04/19

MAR 06 2019

				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
140	QC 21 - FG	1 pcs	12/21/18	0.00 0.00	QC 21 - FG - 21
					QC 21 - FG - 70

Part Op 110 - Small Fab-3 (Small Fab) 1-Assemble as per DWG.
 Descriptions: 120 - QC5 (QC5- Inspect part completeness to step on W/O)
 130 - Packaging3-1 (Identify as per dwg & Stock Location: _____) The tool must be packaged with a desiccant bag into a tight fitting sealed plastic bag as per DWG.
 140 - QC21 (QC21- Final Inspection - Work Order Release)

21 MAR 07 2019
 9-88

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
RBE117-12010W61-1	Gear Wrench	1 pcs (1 ea)	110-Small Fab - 1	5136247
RBE117-12010W61-3	Torque Multiplier	1 Ea (1 ea)	110-Small Fab - 1	5156335

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
110-Small Fab - 1	RBE117-12010W61-1	1	1	0
	RBE117-12010W61-3	1	0	0

Part Specifications	
Specifications could not be found.	



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Dec 7

RBE117-12010W61
Job Sheet 185426



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Status: New

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Job Tracking No:

Due Date: 12/21/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBE117-12010W61 Rev.1 IPP Rev. A 18.10.19 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		12/21/18	0.00	0.00	Start Up Small Fab-2		
110	Small Fab	1 pcs		12/21/18	0.00	1.00	Small Fab-3		
120	QC	1 pcs		12/21/18	0.00	0.00	QC5		
130	Packaging	1 pcs		12/21/18	0.00	0.00	Packaging3-1		
140	QC21-FG	1 Ea		12/21/18	0.00	0.00	QC21		

Part Op 110 - 1-Assemble as per DWG.

Descriptions: 130 - The tool must be packaged with a desiccant bag into a tight fitting sealed plastic bag as per DWG.

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
RBE117-12010W61-1	Gear Wrench	1 Ea (1 ea)	90-Start up Operation	
RBE117-12010W61-3	Torque Multiplier	1 Ea (1 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	RBE117-12010W61-1	1	0	0
	RBE117-12010W61-3	1	0	0

Part Specifications

Specifications could not be found.

Plex 10/26/18 9:02 AM Dart.lajeunesse.marie

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

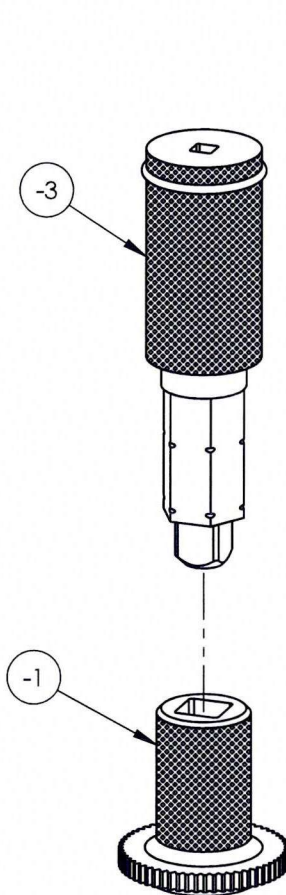
QA Closed: _____ Date: _____

Work Order update only ☐

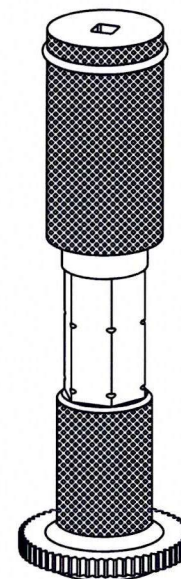
Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	4/25/2016	RJC	JAG



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NO. 187426-15
18-10-26



- NOTES:
1. REF. EUROCOPTER T/N: 117-12010W61.
2. PART OF KIT RBE117-12010W62.

DART AEROSPACE	
TITLE WRENCH SET - TORQUE MULTIPLIER	
DWG NO. RBE117-12010W61	REV 1
MAT'L HEAT TREAT FINISH SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125/✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	EC145
SCALE 1:4	DATE 2/23/2016 SHEET 1 OF 2

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	GEAR WRENCH	4140/4142		2
		B/O	-3	1	TORQUE MULTIPLIER		(MOTION INDUSTRIES; TOHNICHI #DECA900N)	1